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by the members. Mr. C. A. Post admitted that his skepticism as to 'star streams' had been conquered, and argued that from the photograph it seemed more probable that Brooks' comet had run its head against the obstacle rather than its tail, as maintained by Professor Barnard.

WM. HALLOCK, *Sec'y of Section.*

THE TEXAS ACADEMY OF SCIENCE, APRIL 5.

Brief announcement of my recent discoveries in the mathematics of engineering: DR. G. B. HALSTED.

The storm-water storage system of irrigation: ROBERT A. THOMPSON.

Cometary Orbits as related to the solar system: CHARLES K. McDONALD.

Microscopic exhibition of slides sent by Dr. A. J. Smith on the organism which causes malarial fever: W. W. NORMAN.

SCIENTIFIC JOURNALS.

AMERICAN JOURNAL OF MATHEMATICS, APRIL.

A Method for Calculating Simultaneously all the Roots of an Equation: EMORY MCCLINTOCK.

Sur le logarithme de la fonction gamma: CH. HERMITE.

Sur la pression dans les milieux diélectriques ou magnétiques: P. DUHEM.

On Ternary Substitution-Groups of Finite Order which leave a Triangular unchanged: H. MASCHKE.

PSYCHE, APRIL.

A Comparison of Colias hecla with Colias meadii and Colias elis: THOMAS E. BEAN.
Western Pediciæ, Bittacomorphæ and Trichoceræ: C. R. OSTEN SACKEN.

Failure to emerge of Actias luna: CAROLINE G. SOULE.

Entomological Notes.

JOURNAL OF GEOLOGY, FEB.-MARCH.

Sedimentary Measurement of Cretaceous Time: G. K. GILBERT.

Use of the Aneroid Barometer in Geological Surveying: C. W. ROLFE.

A Petrographical Sketch of Ægina and Methana:

Part III. HENRY S. WASHINGTON.

On Clinton Conglomerates and Wave Marks in Ohio and Kentucky (Concluded): AUG. F. FOERSTE.

Glacial Studies in Greenland: T. C. CHAMBERLIN.

Editorials; Publications.

BULLETIN OF THE TORREY BOTANICAL CLUB.
APRIL.

Biographical Sketch of Dr. J. Bernard Brinton (with portrait): By a Committee of the Philadelphia Botanical Club.

Food Plants of the North American Indians: V. HARVARD.

The Classification of the Archegoniates: LUCIEN M. UNDERWOOD.

Rules for Citation adopted by the Madison Botanical Congress and Section G., A. A. A. S. Proceedings of the Club.

Index to Recent Literature Relating to American Botany

NEW BOOKS.

The Story of the Stars. G. F. CHAMBERS. New York, D. Appleton. 1895. Pp. 160.

Evolution and Effort. Edmond Kelly. New York, D. Appleton, & Co. 1885. Pp. vii+297. \$1.25.

A Primer of Evolution. Edward Clodd. New York and London, Longmans, Green & Co. 1895. Pp. 186.

Repetitorium der Chemie. CARL ARNOLD. 6th Ed. Hamburg und Leipzig, Leopold Voss. 1894. Pp. x+613. M. 6.

Anleitung zur Mikrochemischen Analyse. H. BEHRENS. Hamburg und Leipzig, Leopold Voss. 1895. Pp. xi+224. M. 6.

Bildungselemente und Erziehlicher Wert des Unterrichts in der Chemie. RUDOLPH ARENDO. Hamburg und Leipzig, Leopold Voss. 1895. Pp. 103. M. 2.

Le Petrole. A. JACCARD. Paris, Felix Alcan. 1895. Pp. xii+292.